

Title (en)

Preceramic silazane polymer for ceramic materials

Title (de)

Vorkeramisches Silazan-Polymer für Keramikstoffe

Title (fr)

Polymère de silazane précéramique pour matériaux céramiques

Publication

EP 2028216 B1 20120328 (EN)

Application

EP 08252459 A 20080718

Priority

US 78200207 A 20070724

Abstract (en)

[origin: EP2028216A1] A method of forming a preceramic polymer includes treating a silane precursor having a vinyl moiety of ammonia to produce the preceramic polymer. For example, the silane precursor is trichlorovinylsilane. The preceramic polymer may then be cross-linked at a relatively low temperature by using a cross-linking agent.

IPC 8 full level

C08G 77/62 (2006.01); **C08L 83/16** (2006.01)

CPC (source: EP US)

C08G 77/62 (2013.01 - EP US); **C08L 83/16** (2013.01 - EP US)

Cited by

EP2278616A3; EP2436835A1; CN102399447A; US8524317B2; US8981232B2; US9446989B2

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